Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM034979.D
Acq On : 11 May 2022 11:29
Operator : CG/JU
Sample : N2603-21MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW4A1MS

Quant Time: May 12 03:26:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 10 16:40:09 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	213045	20.000	ng/ul	0.00
20) Naphthalene-d8	10.722	136	962553	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.551	164	618456	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.292	188	1209256	20.000	ng/ul	0.00
79) Chrysene-d12	21.468	240	879874	20.000	ng/ul	0.00
88) Perylene-d12	23.850	264	748143	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	14574	2.862	ng/uL	0.00
4) Pyridine-d5	3.775	84	131173	9.345	ng/ul	0.00
7) Phenol-d5	7.081	99	287512	15.600	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.245	67	205530	17.767	ng/ul	0.00
11) 2-Chlorophenol-d4	7.451	132	253340	17.492	ng/ul	0.00
15) 4-Methylphenol-d8	8.628	113	241610	16.079	ng/ul	0.00
21) Nitrobenzene-d5	9.075	128	131559	17.833	ng/ul	0.00
24) 2-Nitrophenol-d4	9.798	143	143213	17.998	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.339	165	262473	17.626	ng/ul	0.00
31) 4-Chloroaniline-d4	10.851	131	353765	16.685	ng/ul	0.00
46) Dimethylphthalate-d6	13.963	166	911171	19.535	ng/ul	0.00
49) Acenaphthylene-d8	14.245	160	1040656	17.584	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	128097	16.074	ng/ul	0.00
60) Fluorene-d10	15.545	176	763415	19.401	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	124404	16.326	ng/ul	0.00
73) Anthracene-d10	17.392	188	1141633	19.404	ng/ul	0.00
81) Pyrene-d10	19.680	212	1226974	22.332	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.697	264	828483	21.189	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	38822	7.656	ng/uL	98
5) Pyridine	3.799	79	191611	12.934	ng/ul	98
6) Benzaldehyde	7.057	77	255265	24.817	ng/ul	97
8) Phenol	7.110	94	389263	21.218	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.340	93	314540	21.660	ng/ul	98
12) 2-Chlorophenol	7.481	128	321495	21.766	ng/ul	97
13) 2-Methylphenol	8.363	108	280965	20.205	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.457	45	502073	21.148	ng/ul	99
16) Acetophenone	8.739	105	523449	22.442	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.734	70	274396	22.057	ng/ul	96
18) 4-Methylphenol	8.692	108	316856	20.856	ng/ul	98
19) Hexachloroethane	9.004	117	134703	21.498	ng/ul	93
22) Nitrobenzene	9.116	77	391205	21.369	ng/ul	95
23) Isophorone	9.651	82	743536	22.105	ng/ul	98
25) 2-Nitrophenol	9.834	139	187829	21.968	ng/ul	93
26) 2,4-Dimethylphenol	9.892	107	211097	11.806	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.134	93	449172	21.542	ng/ul	99
29) 2,4-Dichlorophenol	10.369	162	316598	21.853	ng/ul	98
30) Naphthalene	10.775	128	1109291	21.936	ng/ul	98
32) 4-Chloroaniline	10.875	127	439086	20.693	ng/ul	99
33) Hexachlorobutadiene	11.069	225	208610	21.969	ng/ul	98
34) Caprolactam	11.645	113	104973	24.232	ng/ul	90
35) 4-Chloro-3-methylphenol	12.004	107	350801	22.525	ng/ul	97
36) 2-Methylnaphthalene	12.380	142	779412	22.292	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.598	142	799190	22.604	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.751	216	390322	21.459	ng/ul	99
40) Hexachlorocyclopentadiene	12.739	237	173704	13.769	ng/ul	100
41) 2,4,6-Trichlorophenol	12.986	196	260865	22.527	ng/ul	100
42) 2,4,5-Trichlorophenol	13.057	196	282775	22.794	ng/ul	98
43) 1,1'-Biphenyl	13.392	154	1067092	21.718	ng/ul	99
44) 2-Chloronaphthalene	13.427	162	806101	21.543	ng/ul	97
45) 2-Nitroaniline	13.627	65	246264	23.183	ng/ul	93
47) Dimethylphthalate	14.010	163	1080701	23.451	ng/ul	99
48) 2,6-Dinitrotoluene	14.127	165	213004	24.336	ng/ul	91
50) Acenaphthylene	14.274	152	1314640	22.110	ng/ul	98
51) 3-Nitroaniline	14.451	138	214344	26.744	ng/ul	95
52) Acenaphthene	14.616	153	894179	22.500	ng/ul	99
53) 2,4-Dinitrophenol	14.657	184	111781	21.893	ng/ul	95
55) 4-Nitrophenol	14.751	109	168858	24.095	ng/ul	92
56) Dibenzofuran	14.951	168	1238903	22.636	ng/ul	95
57) 2,4-Dinitrotoluene	14.910	165	319022	25.840	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.174	232	237492	24.416	ng/ul	96
59) Diethylphthalate	15.374	149	1159385	24.563	ng/ul	99
61) Fluorene	15.598	166	1035791	23.133	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.592	204	499128	22.950	ng/ul	96
63) 4-Nitroaniline	15.610	138	216679	30.375	ng/ul#	86
66) 4,6-Dinitro-2-methylph...	15.674	198	172156	22.817	ng/ul#	99
67) N-Nitrosodiphenylamine	15.804	169	882622	22.671	ng/ul	99
68) 4-Bromophenyl-phenylether	16.486	248	294909	23.453	ng/ul	97
69) Hexachlorobenzene	16.604	284	336622	23.658	ng/ul	96
70) Atrazine	16.757	200	348610	25.191	ng/ul	100
71) Pentachlorophenol	16.945	266	188777	21.374	ng/ul	97
72) Phenanthrene	17.333	178	1923830	28.284	ng/ul	99
74) Anthracene	17.427	178	1657404	24.092	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.357	216	396258	20.478	ng/uL	99
76) Pentachlorobenzene	14.874	250	381102	21.500	ng/uL	99
77) Carbazole	17.692	167	1480536	24.479	ng/ul	99
78) Di-n-butylphthalate	18.268	149	2017261	26.897	ng/ul	100
80) Fluoranthene	19.351	202	2260385	34.223	ng/ul	98
82) Pyrene	19.709	202	2136721	31.680	ng/ul	98
83) Butylbenzylphthalate	20.609	149	774619	28.709	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.386	252	388140	23.377	ng/ul	98
85) Benzo(a)anthracene	21.456	228	1632650	28.559	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	1121581	28.053	ng/ul	99
87) Chrysene	21.509	228	1546418	27.779	ng/ul	99
89) Di-n-octyl phthalate	22.309	149	1650805	26.506	ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	1425382	28.364	ng/ul	99
91) Benzo(k)fluoranthene	23.174	252	1340124	28.005	ng/ul	99
93) Benzo(a)pyrene	23.750	252	1287111	26.866	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.321	276	1423264	25.970	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.338	278	1196030	25.456	ng/ul#	96
96) Benzo(g,h,i)perylene	27.079	276	903613	19.850	ng/ul#	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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